

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/537,614

Source: P4/10

Date Processed by STIC: 6/14/05

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 06/14/2005

PATENT APPLICATION: US/10/537,614

TIME: 09:08:58

Input Set : A:\LeA 36 493.ST25.txt

Output Set: N:\CRF4\06142005\J537614.raw

```

3 <110> APPLICANT: Bayer HealthCare AG
4      Golz, Stefan
5      Markova, Svetlana
6      Burakova, Ludmila
7      Frank, Ludmila
8      Vysotski, Eugene
10 <120> TITLE OF INVENTION: ISOLATED FLUORESCENT PROTEIN FROM CLYTIA GREGARIA (CGFP) AND
USE
11      THEREOF
13 <130> FILE REFERENCE: LeA 36 493
C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/537,614
C--> 15 <141> CURRENT FILING DATE: 2005-06-03
15 <150> PRIOR APPLICATION NUMBER: PCT/EP2003/013281
16 <151> PRIOR FILING DATE: 2003-11-26
18 <150> PRIOR APPLICATION NUMBER: DE 102 57 354.9
19 <151> PRIOR FILING DATE: 2002-12-09
21 <160> NUMBER OF SEQ ID NOS: 2
23 <170> SOFTWARE: PatentIn version 3.3
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 708
27 <212> TYPE: DNA
28 <213> ORGANISM: Clytia gregaria
30 <400> SEQUENCE: 1
31 atgactgcac ttaccgaagg agcaaaactg ttcgagaaag aaattcccta cattacagag      60
33 ttggaaggag acgttgaagg aatgaaattc atcatcaaag gtgaaggtag tggcgacgct      120
35 actactggca ccatcaaagc gaaatatatt tgcacaactg gtgaccttcc tgtaccatgg      180
37 gctaccatct tgagtagttt gtcgtatggt gttttctgtt tcgctaagta tccacgccac      240
39 attgccgact ttttcaagag cacacaacca gatggttatt cacaagacag aatcattagt      300
41 ttgacaatg atggacaata cgatgtcaaa gccaagggtta cttatgaaaa cggaacactt      360
43 tataatagag tcacagtcaa aggtactggc ttcaaatacaa acggcaacat ccttggtatg      420
45 agagttctct accattcacc accacacgct gtctacatcc ttcctgaccg taaaaatggg      480
47 ggcataaaaa ttgaatacaa taaggctttc gacgttatgg gcggtgggtca ccaaatggcg      540
49 cgtcacgccc aattcaataa accactagga gcctgggaag aagattatcc gttgtatcat      600
51 catcttaccg tatggacttc tttcgaaaaa gatccggatg atgatgaaac tgaccatttg      660
53 accatcgtcg aagtcataca agctgttgat ttggaaacat accgttga      708
56 <210> SEQ ID NO: 2
57 <211> LENGTH: 235
58 <212> TYPE: PRT
59 <213> ORGANISM: Clytia gregaria
61 <400> SEQUENCE: 2
63 Met Thr Ala Leu Thr Glu Gly Ala Lys Leu Phe Glu Lys Glu Ile Pro
64 1          5          10          15
67 Tyr Ile Thr Glu Leu Glu Gly Asp Val Glu Gly Met Lys Phe Ile Ile
68          20          25          30

```

## RAW SEQUENCE LISTING

DATE: 06/14/2005

PATENT APPLICATION: US/10/537,614

TIME: 09:08:58

Input Set : A:\LeA 36 493.ST25.txt

Output Set: N:\CRF4\06142005\J537614.raw

```

71 Lys Gly Glu Gly Thr Gly Asp Ala Thr Thr Gly Thr Ile Lys Ala Lys
72          35          40          45
75 Tyr Ile Cys Thr Thr Gly Asp Leu Pro Val Pro Trp Ala Thr Ile Leu
76          50          55          60
79 Ser Ser Leu Ser Tyr Gly Val Phe Cys Phe Ala Lys Tyr Pro Arg His
80 65          70          75          80
83 Ile Ala Asp Phe Phe Lys Ser Thr Gln Pro Asp Gly Tyr Ser Gln Asp
84          85          90          95
87 Arg Ile Ile Ser Phe Asp Asn Asp Gly Gln Tyr Asp Val Lys Ala Lys
88          100          105          110
91 Val Thr Tyr Glu Asn Gly Thr Leu Tyr Asn Arg Val Thr Val Lys Gly
92          115          120          125
95 Thr Gly Phe Lys Ser Asn Gly Asn Ile Leu Gly Met Arg Val Leu Tyr
96          130          135          140
99 His Ser Pro Pro His Ala Val Tyr Ile Leu Pro Asp Arg Lys Asn Gly
100 145          150          155          160
103 Gly Met Lys Ile Glu Tyr Asn Lys Ala Phe Asp Val Met Gly Gly Gly
104          165          170          175
107 His Gln Met Ala Arg His Ala Gln Phe Asn Lys Pro Leu Gly Ala Trp
108          180          185          190
111 Glu Glu Asp Tyr Pro Leu Tyr His His Leu Thr Val Trp Thr Ser Phe
112          195          200          205
115 Gly Lys Asp Pro Asp Asp Asp Glu Thr Asp His Leu Thr Ile Val Glu
116          210          215          220
119 Val Ile Lys Ala Val Asp Leu Glu Thr Tyr Arg
120 225          230          235

```

VERIFICATION SUMMARY

DATE: 06/14/2005

PATENT APPLICATION: US/10/537,614

TIME: 09:08:59

Input Set : A:\LeA 36 493.ST25.txt

Output Set: N:\CRF4\06142005\J537614.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application No

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date